

IN THE CLAIMS

Please amend the claims as follows:

1. (currently amended) A portable x-ray device, comprising:  
  
a housing containing an x-ray source and an integrated power system containing an internal power source; and  
  
detecting means structurally unattached to the housing.
2. (original) The device of claim 1, wherein the detecting means is electrically coupled to the x-ray device.
3. (original) The device of claim 1, wherein the detecting means electrically communicates with the x-ray device using wireless technology.
4. (original) The device of claim 1, wherein the device comprised integrated display means.
5. (original) The device of claim 4, wherein the display means comprises an LCD screen.
6. (currently amended) The device of claim 1, wherein ~~the housing is shaped substantially in the form of a camera~~ the power source can be removed from the housing.
7. (currently amended) The device of claim 1, wherein the power system comprises a plurality of ~~low-voltage~~ power supplies with each power supply providing a power ranging from about 20kV to about 50kV.
8. (original) The device of claim 1, wherein the x-ray source is shielded with a low-density insulating material containing a high-Z substance.
9. (currently amended) A portable x-ray device, comprising:

a housing containing an x-ray source, an integrated power system containing an internal power source, and integrated display means; and

detecting means structurally unattached to the housing.

10. (currently amended) The device of claim 9, wherein ~~the housing is shaped substantially in the form of a camera~~ the power source can be removed from the housing.

11. (currently amended) The device of claim 9, wherein the power system comprises a plurality of ~~low voltage~~ power supplies with each power supply providing a power ranging from about 20kV to about 50kV.

12. (original) The device of claim 9, wherein the x-ray source is shielded with a low-density insulating material containing a high-Z substance.

13. (currently amended) A digital x-ray camera, comprising:  
a housing containing an x-ray source, an integrated power system containing an internal power source, and integrated display means; and

detecting means structurally unattached to the housing.

14. (currently amended) The ~~device~~ camera of claim 13, wherein the power system comprises a plurality of ~~low voltage~~ power supplies with each power supply providing a power ranging from about 20kV to about 50kV.

15. (currently amended) The ~~device~~ camera of claim 13, wherein the x-ray source is shielded with a low-density insulating material containing a high-Z substance.

16. (currently amended) A system for x-ray analysis, the system containing a digital x-ray camera with a housing containing an x-ray source and an integrated power system with an internal power source, and detecting means structurally unattached to the housing.

17. (currently amended) The system of claim 16, wherein the power system comprises a plurality of ~~low-voltage~~ power supplies with each power supply providing a power ranging from about 20kV to about 50kV.

18. (original) The system of claim 16, wherein x-ray source is shielded with a low-density insulating material containing a high-Z substance.

19. (currently amended) A method for making a portable x-ray device, the method comprising:

providing a housing with an x-ray source and an integrated power system containing an internal power source; and

providing detecting means structurally unattached to the housing.

20. (currently amended) The method of claim 19, including:

providing the power system with a plurality of ~~low-voltage~~ power supplies with each power supply providing a power ranging from about 20kV to about 50kV; and

providing the x-ray source with a shielding comprising a low-density insulating material containing a high-Z substance.

21. (currently amended) A method for analysis, comprising:

providing a digital x-ray camera with a housing containing an x-ray source and an integrated power system having an internal power source, with detecting means structurally unattached to the housing; and

powering the x-ray source using the integrated power system.

22. (currently amended) The method of claim 21, including:

providing the power system with a plurality of ~~low-voltage~~ power supplies with each power supply providing a power ranging from about 20kV to about 50kV; and

providing the x-ray source with a shielding comprising a low-density insulating material containing a high-Z substance.

23. (currently amended) A method for dental imaging, comprising:

providing a digital x-ray camera with a housing containing an x-ray source and an integrated power system having an internal power source, with detecting means structurally unattached to the housing; and

powering the x-ray source using the integrated power system so that x-rays impinge in the teeth of a patient.

24. (currently amended) The method of claim 23, including:

providing the power system with a plurality of ~~low-voltage~~ power supplies with each power supply providing a power ranging from about 20kV to about 50kV; and

providing the x-ray source with a shielding comprising a low-density insulating material containing a high-Z substance.

25. (original) The device of claim 1, further comprising a controllable display means.

26. (original) The device of claim 25, wherein the controllable display means is integrated into the housing.

27. (original) The device of claim 25, wherein the controllable display means is external to the x-ray device.

28. (original) The device of claim 25, wherein the controllable display means comprises a portable electronic device.

29. (original) The device of claim 28, wherein the portable electronic device enhances the image analysis of the x-ray device.

30. (currently amended) A portable x-ray device, comprising: